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This circular will be sent regularly to all who apply for it.

United States Department of Agriculture,

WASHINGTON, D. C., *July 31, 1920.*

MONTHLY LIST OF PUBLICATIONS.

[JULY, 1920.]

READ CAREFULLY BEFORE ORDERING.

☞ **Send no remittances to the U. S. Department of Agriculture.**

A copy of any of the publications listed herein, except those otherwise noted, may be obtained free upon application to the Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts.

After this department's supply is exhausted, publications can still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices noted herein.

☞ **Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.**

FARMERS' BULLETINS—FOR FREE DISTRIBUTION.

☞ NOTE.—The department's supply of the current numbers of Farmers' Bulletins is ordinarily sufficient to make it possible to send them free to all applicants. They are also for sale at 5 cents per copy unless otherwise noted.

Farm Bookkeeping. By Edward H. Thomson, formerly Assistant Chief, Office of Farm Management, revised by James S. Ball, Assistant in Farm Accounting. Pp. 41. Contribution from the Office of Farm Management. Revised, June, 1920. **(Farmers' Bulletin 511.)**

Suitable for general distribution.

Pop Corn for the Market. By C. P. Hartley, Physiologist in Charge of Corn Investigations, and J. G. Willier, Scientific Assistant in Corn Investigations, Office of Cereal Investigations. Pp. 12, figs. 10. Contribution from the Bureau of Plant Industry, Revised April, 1920. **(Farmers' Bulletin 554.)**

Tobacco Culture. By W. W. Garner, Physiologist in Charge of Tobacco and Plant-Nutrition Investigations. Pp. 24, figs. 5. Contriubtion from the Bureau of Plant Industry. Revised April, 1920. **(Farmers' Bulletin 571.)**

Grasshoppers and Their Control on Sugar Beets and Truck Crops. By F. B. Milliken, Scientific Assistant. Pp. 20, figs. 13. Contribution from the Bureau of Entomology. Revised March, 1920. **(Farmers' Bulletin 691.)**

Suitable for general distribution.

Food for Young Children. By Caroline L. Hunt, Specialist in Food Preparation and Use, Office of Home Economics. Pp. 26, figs. 4. Contribution from the States Relations Service. Revised June, 1920. **(Farmers' Bulletin 717.)**

Cutworms and Their Control in Corn and Other Cereal Crops. By W. R. Walton, Entomologist in Charge, Cereal and Forage Insect Investigations. Pp. 7, figs. 3. Contribution from the Bureau of Entomology. Revised May, 1920. **(Farmers' Bulletin 739.)**

Suitable for general distribution.

Standard Varieties of Chickens. II. The Mediterranean and Continental Classes. By Rob R. Slocum, Annual Husbandry Division. Pp. 27, figs. 22. Contribution from the Bureau of Animal Industry. Revised May, 1920. **(Farmers' Bulletin 898.)**

Hog Lice and Hog Mange. Methods of Control and Eradication. By Marion Imes, Zoological Division. Pp. 28, figs. 12. Contribution from the Bureau of Animal Industry. 1920. **(Farmers' Bulletin 1085.)**

Suitable for general distribution.

Influence of the Tractor on Use of Horses. By L. A. Reynoldson, Scientific Assistant. Pp. 26, figs. 7. Contribution from the Office of Farm Management. 1920. **(Farmers' Bulletin 1093.)**

Summarizes the results of investigations on 191 farms in the corn belt as to the advantage of the use of tractors.

Forage for the Cotton Belt. By S. M. Tracy, Agronomist, Office of Forage-Crop Investigations. Pp. 63, figs. 9. Contribution from the Bureau of Plant Industry. 1920. **(Farmers' Bulletin 1125.)**

A revision of Farmers' Bulletin 509 and intended for distribution in the Southern States.

Sudan Grass. By H. N. Vinal, Agronomist, Office of Forage-Crop Investigations. Pp. 30, figs. 11. Contribution from the Bureau of Plant Industry. 1920. **(Farmers' Bulletin 1126.)**

Contains detailed information on the culture, utilization, and feeding value of this grass.

Control of Aphids Injurious to Orchard Fruits, Currant, Gooseberry, and Grape. By A. L. Quaintance, Entomologist in Charge, and A. C. Baker, Entomologist, Deciduous Fruit Insect Investigations. Pp. 48, figs. 34. Contribution from the Bureau of Entomology. June, 1920. **(Farmers' Bulletin 1128.)**

Suitable for general distribution.

Tile-Trenching Machinery. By D. L. Yarnell, Senior Drainage Engineer, Division of Drainage Investigations. Pp. 27, figs. 22. Contribution from the Bureau of Public Roads. 1920. **(Farmers' Bulletin 1131.)**

Describes the various types and discusses the advantages and disadvantages of the use of machines in ditching operations.

Castrating and Docking Lambs. By G. H. Bedell, Animal Husbandry Division, Bureau of Animal Industry, and E. W. Baker, Investigator in Marketing Live Stock and Meats, Bureau of Markets. Pp. 14, figs. 9. Contribution from the Bureau of Animal Industry and the Bureau of Markets. 1920. **(Farmers' Bulletin 1134.)**

Suitable for general distribution.

Game Laws for 1920. A Summary of the Provisions of Federal, State, and Provincial Statutes. By Geo. A. Lawyer, Chief United States Game Warden, and Frank L. Earnshaw, Assistant, Interstate Commerce in Game. Pp. 84. Contribution from the Bureau of Biological Survey. August, 1920. **(Farmers' Bulletin 1138.)**

For general distribution.

A Method of Analyzing the Farm Business. By H. M. Dixon, Assistant Agriculturist, and H. W. Hawthorne, Scientific Assistant. Pp. 40, fig. 1, form blanks. Contribution from the Office of Farm Management. 1920. **(Farmers' Bulletin 1139.)**

A revision of Farmers' Bulletin 661, and suitable for general distribution.

DEPARTMENTAL BULLETINS—TECHNICAL.

☞ The publications listed below are technical or scientific treatises or bulletins applying to a special industry or locality. The edition is limited, but they will be furnished free to persons who can use such specialized information as long as the supply lasts. However, to insure prompt receipt, remit price to the Superintendent of Documents.

An Economic Study of Small Farms near Washington, D. C. By W. C. Funk, Assistant Agriculturist. Pp. 19, figs. 7. Contribution from the Office of Farm Management. June 22, 1920. **(Department Bulletin 848.)** Price, 5 cents.

City Milk Plants: Construction and Arrangement. By Ernest Kelly and Clarence E. Clement, Dairy Division. Pp. 35, figs. 14. Contribution from the Bureau of Animal Industry. July 16, 1920. **(Department Bulletin 849.)** Price, 10 cents.

This bulletin is of interest and value to market milk distributors, and contains practical suggestions and information useful to persons intending to engage in this business.

Cost of Producing Apples in Five Counties in Western New York, 1910–1915. By G. H. Miller, Assistant Agriculturist. Pp. 47, figs. 16. Contribution from the Office of Farm Management. July 30, 1920. **(Department Bulletin 851.)** Price, 10 cents.

This study was made in the counties of Monroe, Niagara, Ontario, Orleans, and Wayne.

The Organization and Management of Farms in Northwestern Pennsylvania. An Analysis of the Business of 422 Farms in the Vicinity of Grove City, Pa. By Earl D. Strait, Scientific Assistant, and H. M. Dixon, Assistant Agriculturist. Pp. 32, figs. 9. Contribution from the Office of Farm Management. July 20, 1920. **(Department Bulletin 853.)** Price, 10 cents.

A Modified Boerner Sampler. By E. G. Boerner, In Charge, Grain Investigations, and E. H. Ropes, Specialist in Grain Investigations. Pp. 8, figs. 5. Contribution from the Bureau of Markets. (Professional Paper.) June 25, 1920. **(Department Bulletin 857.)** Price, 5 cents.

Of interest to grain dealers and laboratory workers engaged in testing grain.

Requirements and Cost of Producing Market Milk in Northwestern Indiana. By J. B. Bain, Dairy Husbandman, and R. J. Posson, Market Milk Specialist, Dairy Division. Pp. 31, figs. 8. Contribution from the Bureau of Animal Industry. July 16, 1920. **(Department Bulletin 858.)** Price, 5 cents.

No copies for free distribution.

A Peach-Sizing Machine. By Manley Stockton, Investigator in Marketing, and J. F. Barghausen, Investigator in Agricultural Technology. Pp. 6, figs. 6. Contribution from the Bureau of Markets. (Professional Paper.) July 28, 1920. **(Department Bulletin 864.** Price, 5 cents.

Of interest to growers and shippers of peaches.

Cotton Boll Weevil Control by the Use of Poison. By B. R. Coad, Entomological Assistant, and T. P. Cassidy, Cotton Entomologist, Southern Field Crop Insect Investigations. Pp. 31. Contribution from the Bureau of Entomology. July 20, 1920. **(Department Bulletin 875.)** Price, 5 cents.

A description of materials needed and methods used in controlling the weevil by the use of poison.

MISCELLANEOUS.

Regulations of the Secretary of Agriculture under the United States Warehouse Act of August 11, 1916, as amended July 24, 1919. Regulations for Wool Warehouses. Pp. 31. July, 1920. **(Circular 150, Office of the Secretary.)** Price, 5 cents.

The Development of the Peruvian Alfalfa Industry in the United States. By H. L. Westover, Agronomist, Office of Forage-Crop Investigations. Pp. 8, figs. 2. Contribution from the Bureau of Plant Industry. June, 1920. **(Department Circular 93.)** Price, 5 cents.

Motion Pictures of the United States Department of Agriculture. A List of Films and Their Uses. By Fred W. Perkins, Assistant in Charge of Motion Pictures, and George R. Goergens, Chief Cinematographer. Pp. 22, il. Contribution from the Division of Publications. July, 1920. **(Department Circular 114.)**

Inventory of Seeds and Plants Imported by the Office of Foreign Seed and Plant Introduction, during the period from April 1 to June 30, 1916. Pp. 96, pls. 5. July 12, 1920. **(Inventory No. 47: Nos. 42384–43012. Bureau of Plant Industry.)** Price, 15 cents.

SERIALS.

Experiment Station Record. Vol. 42, No. 7. May, 1920. E. W. Allen, Ph. D., Editor. Pp. 601–700. Price, 15 cents.

Same, Vol. 42, No. 8. June, 1920. Pp. 701–800. Price, 15 cents.

Same, Vol. 42, No. 9. Abstract Number. June 24, 1920. Pp. 801–900. Price, 15 cents.

☞NOTE.—The Record is a technical review of the world's scientific literature pertaining to agriculture. It is not intended for general distribution and its free distribution is restricted to persons connected with the agricultural colleges, experiment stations, and similar institutions, and to libraries and exchanges. It can not be sent free to individuals having no official connection with public institutions. The Superintendent of Documents will receive subscriptions for this publication, which is issued in two volumes a year, 10 numbers each, at $1 a volume.

The Monthly Crop Reporter. Vol. 6, No. 7, July, 1920. Pp. 61–76. (Bureau of Crop Estimates.) Price, 25 cents a year.

Contains data relating to agriculture, including estimates of acreage, conditions, yield, prices, and value of crops and live stock.

ANNOUNCEMENT.—Because of the small fund available for printing, it has been found necessary to drop from the mailing list of the Monthly Crop Reporter all names of persons who are not actively cooperating with the United States Department of Agriculture. Persons whose names are dropped may subscribe for this publication through the Superintendent of Documents, Washington, D. C., at the domestic rate of 25 cents per year, and 40 cents per year to foreign addresses, payable only by postal money order or cash. No checks accepted.

The Market Reporter. Vol. 1, Nos. 27 to 31, inclusive, July 3, 10, 17, 24, 31, 1920. (Bureau of Markets.) For free distribution to applicants who show the need for it.

The Market Reporter is the official marketing publication of the United States Department of Agriculture. It contains general, current, and statistical marketing information for important classes of agricultural products, both staple and perishable, which is of general interest and of permanent value alike to producers, dealers, and consumers.

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Weekly News Letter.

Contains a weekly summary in popular form of the more important practical discoveries and recommendations of all bureaus of the department. Free list confined to departmental employees, official cooperators, and the press. May be purchased from the Superintendent of Documents, Government Printing Office, for 50 cents a year.

SOIL SURVEYS.

☞ All requests for soil surveys are referred to the Bureau of Soils for attention, the distribution of same being controlled by that bureau.

Soil Survey of Shelby County, Alabama. By J. F. Stroud, of the Alabama Department of Agriculture and Industries, and Howard C. Smith and J. H. Agee, of the U. S. Department of Agriculture. Pp. 60, fig. 1, map. **(From F. O. Soils, 1917.)** Price, 15 cents.

Soil Survey of the Ventura Area, California. By J. W. Nelson and Walter C. Dean, of the University of California, and A. E. Kocher, E. B. Watson, and E. J. Carpenter, of the U. S. Department of Agriculture. Pp. 86, pls. 3, fig. 1, map. **(From F. O. Soils, 1917.)** Price, 15 cents.

Soil Survey of Webster County, West Virginia. By Charles N. Mooney. Pp. 24, fig. 1, map. **(From F. O. Soils, 1918.)** Price, 15 cents.

SERVICE AND REGULATORY ANNOUNCEMENTS—FOR SALE ONLY.

☞ These contain *only* information, instructions, and notices governing the enforcement of the food and drugs act, meat inspection, 28-hour, and quarantine laws, and the various regulations of the department. Issued monthly by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by same. Others desiring copies are respectfully referred to the Superintendnt of Documnts, Government Printing Office, who has them for sale *only*, at prices noted.

Bureau of Chemistry. No. 25. Importation and Inspection of Tea. Pp. 11. July 10, 1920. Price, 5 cents.

Same. Supplement No. 70. [N. J. 6951–7000.] Pp. 427–464. July 1, 1920. Price, 10 cents.

Same. Supplement No. 71. [N. J. 7001–7050.] Pp. 1–34. July 7, 1920. Price, 10 cents.

Same. Supplement No. 72. [N. J. 7051–7100.] Pp. 37–73. July 26, 1920. Price, 10 cents.

Same. Supplement No. 73. [N. J. 7101–7150.] Pp. 75–111. July 27, 1920. Price, 10 cents.

Bureau of Markets. No. 63. Pp. 20. June 30. 1920. Price, 5 cents.

Same. No. 64. Pp. 14. July 9, 1920. Price, 5 cents.

PUBLICATIONS OF THE WEATHER BUREAU.

☞ Publications of the Weather Bureau are obtainable only from the Chief of the Weather Bureau or the Superintendent of Documents, Government Printing Office, at the prices noted herein.

Monthly Weather Review. Vol. 48, No. 4. April, 1920. [June 25, 1920.] Pp. 191–249, figs. 15, charts, 15. Price, 25 cents a copy, $2.50 a year. Payable to the Superintendent of Documents.

Special Articles: The Thirteen tornadoes of March 28, 1920.—The four tornadoes of April 20, 1920.—The hailstorm of April 8, 1920, in Washington County, Ala. By P. H. Smyth.—Cloudiness in New York State. By E. S. Clowes.—Modifying factors in effective temperature. By A. D. Hopkins.—Climatic conditions in a greenhouse as measured by plant growth. By E. S. Johnston.—Distribution of maximum floods.—Some meteorological observations of a bombing pilot in France. By T. R. Reed.

National Weather and Crop and Snow and Ice Bulletin. Nos. 27, 28, 29, 30, July 1920, reporting weather and crop conditions throughout the United States. Issued weekly. Price, 25 cents a year.

NOTE.—This bulletin is furnished free of charge to public and educational institutions, libraries, newspapers, cooperative observers, weather correspondents, and to those who will post or display it for the general benefit of the public. To all others the price is 25 cents per year, payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

EDWY B. REID.
Chief, Division of Publications.

WASHINGTON : GOVERNMENT PRINTING OFFICE : 1920